OIPE JC173
DEC 19 2003
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	W. Grant McGimpsey, et al.	Docket No:	WPI03-02
Serial No.:	10/681,835	Group Art Unit:	Not Assigned
Filed:	October 7, 2003	Examiner:	Not Assigned
For:	NON-COVALENT ASSEMBLY OF MULTI-LAYERED THIN FILM SUPRAMOLECULAR STRUCTURES		

CERTIFICATE OF MAILING

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12/15/03 — Date

R. Dennis Creehan — R. Dennis Creehan

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the above-referenced patent application, the Applicant respectfully submits the enclosed Information Disclosure Statement (IDS) under 37 C.F.R. 1.97(b). Copies of the cited references are enclosed. The Applicant respectfully requests that the information disclosed herein be made of record in this application.

Respectfully submitted,

Date 12/15/03 By R. Dennis Creehan

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/681,835
Filing Date	October 7, 2003
First Named Inventor	W. Grant McGimpsey
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	WPI03-02

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 5536573-B1	07-16-1996	Rubner et al.	
	AB	US- 6107561-B1	08-22-2000	Thompson	
	AC	US- 6114099-B1	09-05-2000	Liu et al.	
	AD	US- 6270946-B1	08-07-2001	Miller	
	AE	US- H2046-H	09-03-2002	Roberts et al.	
	AF	US- 6451871-B1	09-17-2002	Winterton et al.	
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Examiner Name	Not Assigned
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	LA	HUN-GI HONG et al., "Electrochemical Measurements of Electron Transfer Rates through Zirconium 1,2-Ethanediylbis (phosphonate)	
		Multilayer Films on Gold Electrodes",Langmuir, 7:2362-2369 (1991)	
	LB	M. BRUST et al., "Self-Assembly of Photoluminescent Copper(I)-Dithiol Multilayer Thin Films and Bulk Materials", Langmuir, 13:5602-5607 (1997)	
	LC	A. HATZOR et al., "Coordination-Controlled Self-Assembled Multilayers on Gold", J.Am.Chem.Soc., 120:13469-13477 (1998)	
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		of Porphyrins on Gold Electrodes", J.Phys.Chem. B, 104:1253-1260 (2000)	
	LE	J.C. MACDONALD et al., "Design of Layered Crystalline Materials Using Coordination Chemistry and Hydrogen Bonds", J.Am.Chem.Soc., 122:11692-11702 (2000)	
	LF	H. IMAHORI et al., "Concentration Effects of Porphyrin Monolayers of the Structure and Photoelectrochemical Properties of Mixed Self-Assembled	
		Monolayers of Porphyrin and Alkanethiol on Gold Electrodes", Langmuir, 17:4925-4931 (2001)	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	LG	H. IMAHORI et al., "Light-Harvesting and Photocurrent Generation by Gold Electrodes Modified with Mixed Self-Assembled Monoloyers of Boron-	
		Dipyrrin and Ferrocene-Porphyrin-Fullerene Triad", J.Am.Chem.Soc., 123:100-110 (2001)	
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		Rigid Anchor", J.Am.Chem.Soc., 124(4):532-533	
	LI	F.B. ABDELRAZZAQ et al., "Photocurrent Generation in Multilayer Organic-Inorganic Thin Films with Cascade Energy Architectures", J.Am.Chem.Soc., 124:4796-4803 (2002)	
	LJ	E. SOTO et al., "A Non-Covalent Strategy for the Assembly of Supramolecular Photocurrent-Generating Systems", J.Am.Chem.Soc., 125:2838-2839 (2003)	
	LK	C. LIN et al., "Layer-By-Layer Growth of Metal-Metal Bonded Supramolecular Thin Films and Its Use in the Fabrication of Lateral Nanoscale Devices",	
		J.Am.Chem.Soc., 125:336-337 (2003	

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